

# Connected Automated Vehicle Update

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Michigan Department of Transportation



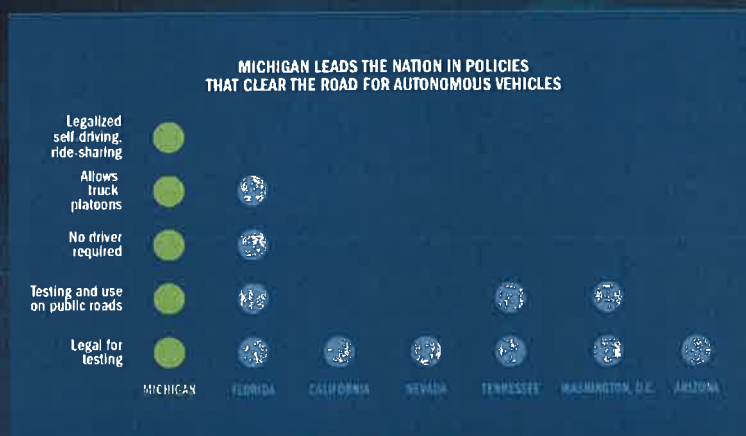
## Automotive Mobility Innovation

REPRESENTATIVE REAL WORLD CONNECTED AND AUTOMATED VEHICLE TEST ENVIRONMENTS

- HIGHWAY
- URBAN
- OFF-ROAD
- COMMERCIAL
- RESIDENTIAL
- CELLULAR
- CYBER

DRAFT SITE LAYOUT - AMERICAN CENTER FOR MOBILITY

## National AV Leader



## What is the American Center for Mobility?

The American Center for Mobility is a non-profit testing, education and product development facility for future mobility. It is designed to enable safe validation and self certification of connected and automated vehicle technology, and to accelerate the development of voluntary standards.



A U.S. Designated Automated Vehicle Proving Ground



American Center for Mobility  
CONNECTED. AUTOMATED. VALIDATED.





# Industry Letters of Support planetm

**WABCO** SAFETY DRIVES US  
**ROUSH.**  
**BOSCH**  
**tassi** international  
**DELPHI**  
**AT&T**  
**GM**  
**TOYOTA**  
**NAVISTAR**  
**CYBERNET**  
 Hyundai America Technical Center, Inc.  
**American Center for Mobility**  
 CONNECTED. AUTOMATED. VALIDATED.



# MICHIGAN

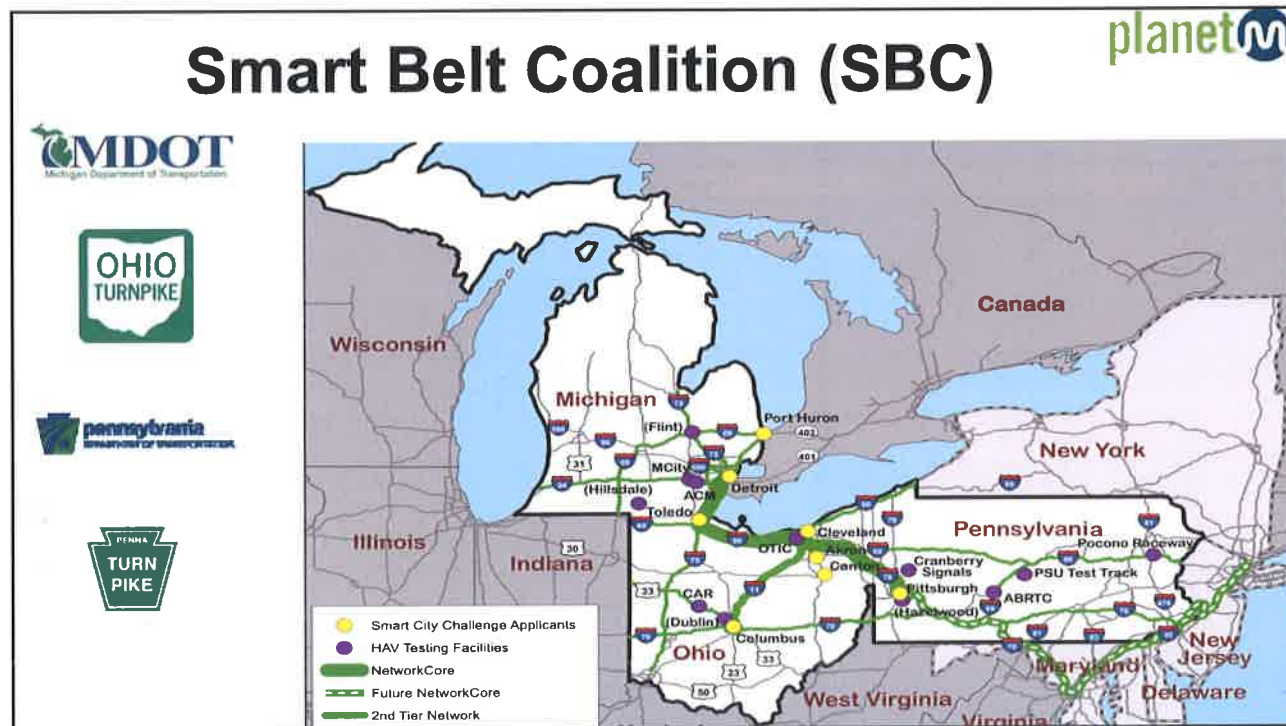
Where big ideas in mobility are born.

Michigan has always been the leader of the automotive industry, and continues to lead the way as transportation technologies further evolve in amazing ways. The entire state, and the auto industry, are transforming into the global center for mobility—

**WELCOME TO**

## planetm

<http://www.planetm.com>



## Who is involved?

	Membership	Priority Corridors
Pennsylvania 	 pennsylvania DEPARTMENT OF TRANSPORTATION  PennState	   
Ohio 	 OHIO TURNPIKE 	     
Michigan 	 MICHIGAN DEPARTMENT OF TRANSPORTATION 	   

## What is it?

- High-profile, high-impact, and long-distance connected and automated vehicle network
- Multi-jurisdictions
- Four distinct seasons
- Urban and rural roadways
- Support the testing and deployment of connected and automated vehicles
- Cooperative deployments
- University research
- Leverage opportunities for Federal grants





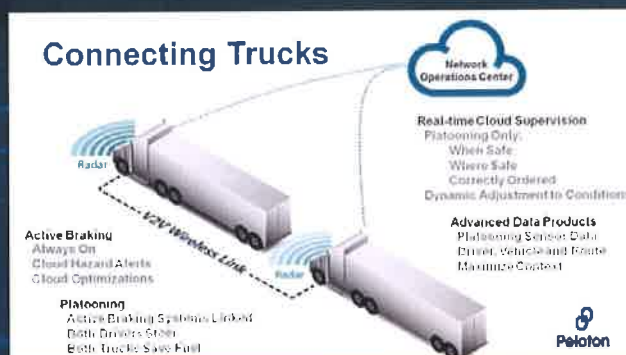
## Priority Applications

### Near-term:

- Queue Warning
- Truck Platooning
- Work Zones: Lane Management

### Mid-term:

- Traffic Incident Management
- Freight: Truck Parking/Last Mile Shuttle
- Work Zone: Connected Work Zones



## Why Collaborate?



## National Groups

